



“Eye on AMC”

# U.S. Army Materiel Command

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January 20, 2006

## Compressed Meals offer top quality in smaller package

The Soldier Systems Center's Combat Feeding Directorate, Natick, Mass., has developed a new and improved individual ration for mechanized infantry units called Compressed Meals.

Placed next to a Meal, Ready-to-Eat, a CM is noticeably smaller. It occupies up to one-third less volume and sheds nearly as much weight without sacrificing any of the accessories or calories found in an MRE.

Initial fielding could begin in late 2007.

## FRA mechanics build prototype HMMWV for safety training

Anniston Army Depot, Ala., and Red River Army Depot, Texas, mechanics at the Forward Repair Activity, Camp Arifjan, Kuwait, are constructing a HMMWV roll-over training device that will save Soldier's lives.

The device, a HMMWV cut in half and mounted onto a rolling mechanism, will allow Soldiers to experience a roll-over and exit safely. All Soldiers in theater will be trained using the device as part of a theater-wide effort to cut the number of roll-over fatalities.

## Army ideas improve efficiency, save money

Customers of Tobyhanna Army Depot, Pa., are benefiting from the employee suggestion program, which has saved the installation \$12 million in fiscal year 2005, said Sharon Smith, chief of the depot's Research and Analysis Division, Productivity Improvement and Innovation Directorate.

The largest suggestion savings this year was \$888,000 and involved electro optics and night vision components for the M1A1 Abrams tank and the Bradley Fighting Vehicle. Other suggestions included a less expensive part for the AN/TAS-4 TOW missile night sight's eye piece, and a stronger screen for the air duct of the AN/TLQ-17 Shelter Transmitter.

## New technology to help warfighters handle information overload

Scientists at the Natick Soldier Center, the Defense Advanced Research Projects Agency, and Honeywell Corporation are developing augmented cognition technology to help prevent information overload in today's modern warfighter.

The augmenting system features neuro-physiological sensors that assess the warfighter's focus of attention. The sensors measure and record brain activity as well as physical responses, such as heart rate.

Augmented cognition systems are expected to reduce warfighter stress by adjusting information management to the combatant based on his cognitive, physical, and emotional states as well as environmental conditions.

## Did you know...

**The Military Channel** will air "Warbots," an up close and personal look at robotics in the military - from warbots that take on the offensive, to spybots that act as recon agents and medbots that save lives.

The piece was supported by Army Materiel Command, Picatinny Arsenal, Fort Detrick, Fort Leonard Wood, Redstone Arsenal, and Aberdeen Proving Ground.

"Warbots" will air Jan. 27, 8 and 11 p.m., and Jan. 28, 3 a.m.